

AR51077PU-N

Human TMED10 / TMP21 (32-185, His-tag) - Purified

Alternate names:

21 kDa transmembrane-trafficking protein, S31I125, Transmembrane emp24 domain-containing protein 10, Transmembrane protein Tmp21

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

TMED10 is a member of the EMP24/GP25L/p24 family and a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a het

Uniprot ID:

[P49755](#)

NCBI:

[NP_006818](#)

GeneID:

[10972](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol.

Description:

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSISFHLPI NSRKCLREEI HKDLLVTGAY EISDQSGGAG
GLRSHLKITD SAGHILYSKE DATKGKFAFT TEDYDMFEVC FESKGTGRIP DQLVILDMKH
GVEAKNYEEI AKVEKLKPLE VELRRLEDLS ESIVNDFAYM KKREEEMRDT NESTNTR

Molecular weight: 20 kDa (177aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Chen F, Hasegawa H, et al. (2006). Nature. 440(7088):1208-12. Wang H, et al. (2002). J Biol Chem. 277(6):4541-50.

Pictures:

